CLAIMS

1. An apparatus for feeding a high-purity ammonia gas, comprising a sealing part and/or a gas contacting part, which comprise a halogen-free resin.

2. An apparatus for feeding a high-purity ammonia gas, comprising a sealing part, which comprises a sealing part body and an abutting material capable of imparting sealing property by abutting against said sealing part body,

wherein said sealing part body comprises a halogen-free resin, and

at least the abutting part against the sealing part body of said abutting material comprises a stainless steel, a cobalt alloy, a highly corrosion-resistant nickel alloy or a ceramic selected from the group consisting of alumina, aluminum nitride and silicon carbide.

3. The apparatus for feeding a high-purity ammonia gas as claimed in claim 1 or 2, wherein said halogen-free resin is selected from the group consisting of a polyolefin resin, a polyamide resin, a phenol resin, a xylene resin, a polyphenylene sulfide resin, a polyether ether ketone resin, a polyimide resin and a polyethylene terephthalate resin.

4. The apparatus for feeding a high-purity ammonia gas as claimed in any one of claims 1 to 3, wherein said halogen-free resin has a Rockwell surface hardness of from R30 to R150.

5. The apparatus for feeding a high-purity ammonia gas as claimed in any one of claims 1 to 4, which is a cylinder valve.

6. The apparatus for feeding a high-purity ammonia gas as claimed in any one of claims 1 to 4, which is a pressure regulator.

7. The apparatus for feeding a high-purity ammonia gas as claimed in any one of claims 1 to 4, which is a flow controller.

8. The apparatus for feeding a high-purity ammonia gas as claimed in any one of claims 1 to 4, which is a line filter.

9. The apparatus for feeding a high-purity ammonia gas as claimed in any one of claims 1 to 4, which is a line valve.

10. A method for feeding a high-purity ammonia gas, comprising constituting a gas flow path of feeding a high-purity ammonia gas by using the high-purity ammonia gas-feeding apparatus as claimed in any one of claims 5 to 9, and feeding a high-purity ammonia gas without deteriorating the gas purity.